

KOTLYAR, P.S., inzh.

Prevent accidents in firing gas-heated steam boilers. Bozop. truda  
v prom. 5 no.1:16-17 Ja '61. (MIA 14:2)

1. Upravleniya Kiyevskogo okruga Gosgortekhnadzora USSR.  
(Boilers--Safety measures)

KOTLYAR, P.S., inzh.; PEREL'MAN, B.M., inzh.; CHECHEL'NITSKIY, I.G., inzh.

Redesign of truck cranes. Bezop. truda v prom. 8 no.9:47-49  
S '64 (MIRA 18:1)

1. Upravleniye Kiyevskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Kotlyar). 2. Up- ravleniye spetsial'nykh mashin Glavkiyevforstroya (for Perel'man, Chechel'nitskiy).

KOTLYAR, P.V.

Utilization of crushed anthracite for chemical water purification,  
Energetik 7 no.2:38 F '59.  
(Feed-water purification) (MIRA 12:1)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000825410002-9

KOTLYAR, R.G.

Effective utilization of the K-1 cationite. Energetik 6 no.8:36-37  
Ag '58. (Ion exchange) (MIRA 11:10)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000825410002-9"

1. KOT, A.A.; KOTLYAR, R.V., ENG.; KHALAPSINA, YE.V., ENG.
2. USSR (600)
4. Steam Turbines
7. Preventing the clogging of turbines with salts. Elek.sta. 23 №.9, 1952.
  
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KOFLYAR, R.V.

Using lignite as a substitute for glauconite and sulphuric coal. Energetik 1  
no.4:38 S '53.  
(MLA 6:8)  
(Filters and filtration)

KOTLYAR, R.V.

Answering V.N.Skvortsov's questions. Energetik 1 no.4:38 S '53.

(MLRA 6:8)  
(Steam boilers)

1. KOTLYAR, R. V.
  2. USSR (600)
  3. Water - Purification
  4. Temperature of water fed into a system of chemical water purification. Rab. energ.  
3 No. 2, 1953.
- 
9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

1. KOTLYAR, R.
2. USSR (600)
4. Water - Analysis
7. Changing the unit of measurement for hard water. Rab. energ. 3, No. 3, 1953.
  
9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

KOTLYAR, R. V.

AID P - 704

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 15/18

Author : Kotlyar, R. V., Eng.

Title : Chemical treatment of water

Periodical : Energetik, 8, 31-35, Ag 1954

Abstract : The article is another of a series to facilitate the study and application of the new "Rules of Operation of Electric Power Stations and Networks", and concerns chapter 16 of the "Rules".

Institution : None

Submitted : No date

KOTLYAR, R.V.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000825410002-9

AID P - 1197

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 19/27

Author : Kotlyar, R. V.

Title : Performance of cationite filters. (Letters from readers)

Periodical : Energetik, 12, 29-30, D 1954

Abstract : In reply to a question from a reader, the author explains that in practice there is no need of changing the sulfo-carbonic acid for many years. It is sufficient occasionally to add to it, but not more than 5 to 10% a year.

Institution : None

Submitted : No date

KOTLYAR, R.V.

Kotlyar, R.V.

AKOL'ZIN, P.A.; GURVICH, S.M.; KOTLYAR, R.V.; KOT, A.A.; MAMET, A.P.; MIKHAYLENKO, P.S.; PROKHOROV, F.G.; SOKOLOV, I.M.; CHERNOVA, L.A.; SHKROB, M.S.; YANKOVSKIY, K.A.; GUREVICH, L.S.; POLYAKOV, V.V.

To the editors of "Energetik." Energetik 5 no.3:11-12 Mr '57.  
(MIRA 10;3)

1. Vsesoyuznyy teplotekhnicheskiy institut im. Dzerzhinskogo (for Akol'zin, Kot, Yankovskiy) 2. TSentral'nyy kotoloturbinnyy institut (for Gurvich, Mamet,) 3. Teplo-elektro-proekt (for Gurevich). 4. Ministerstva elektrostantsii (for Kotlyar, Prokhorov). 5. Teplovaya elektricheskaya tsentral'naya stantsiya No.9 (for Mikhaylenko, Polyakov) 6. Perevyazochnyy etapnyy punkt (for Sokolov). 7. Moskovskoye rayonnoye upravleniye energokhozyaystva (for Chernova). 8. Energeticheskiy institut Akademii nauk SSSR (for Shkrob).  
(Boilers)

KOTLYAR, R., inzhener.

Requirements for the installation of water-treating units. From:  
energ. 12 no. 2:38 F '57. (MIRA 10:3)  
'Water--Purification)

SOV/91-58-2-24/31

AUTHOR: Kotlyar, R.V.

TITLE: On the Producer of Ceramic Tiles for the  
Cationite Filters Used in Chemical Water  
Purification (Ob izgotovitele keramicheskikh  
plit dlya kationitovykh fil'trov khimvodoo-  
chistki)

PERIODICAL: Energetik, 1958, Nr 2, p 36 (USSR)

ABSTRACT: Kotlyar answers the question put by N.S.  
Shevchuk and A.I. Skorobogatov (from the town  
of Kaspiysk, DASSR) as to which plant pro-  
duces the ceramic tiles needed for cationite  
filters replacing drain caps. There is 1  
Soviet reference.

Card 1/1

AUTHOR: Kotlyar, R.V. 91-58-6-32/39

TITLE: Correspondence With Readers (Perepiska s chitatel'yanami).  
Factories Manufacturing Slit Caps for Chemical Water Purification (O zavo-  
dakh, izgotovlyayushchikh shchelevyye kolpachki dlya khimvo-  
doochistok)

PERIODICAL: Energetika, 1958, Nr 6, p 35 (USSR)

ABSTRACT: Information is given in reply to a question from Panferov  
(Uryupinsk, Balashov Oblast') as to where slit caps type  
VTI-K (plastic) and VTI-5 (porcelain) may be obtained.

AVAILABLE: Library of Congress  
Card 1/1 1. Slit caps-Availability

AUTHOR: Kotlyar, R.V. 91-58-8-32/34

TITLE: The Effective Use of K-1 Cationite (Ob effektivnom ispol'-zovani kationita K-1)

PERIODICAL: Energetik, 1958, Nr 8, pp 36-37 (USSR)

ABSTRACT: In reply to N.D. Metelenko's query, the author discusses the method of preparing K-1 cspatite for use as a Na-cationite, and the chemical process and problems connected with its softening.

1. Chemistry--USSR

Card 1/1

AUTHOR: Kotliyar, R. V. SOV/91-59-2-27/33

TITLE: The Use of Crushed Anthracite in Chemical Water Purifiers  
(Ob ispol'zovanií droblenogo antratsita v khimvodoochistkakh)

PERIODICAL: Energetik, 1959, Nr 2, p 38 (USSR)

ABSTRACT: The author explains, that in preparations of water for the high-pressure boilers, the use of crushed anthracite (or that of marble crumbles) as a filtering material is much more preferable to the use of quartz sand, which contributes to the increase in water of the content of silicic acid.

Card 1/1

8 (6), 11 (7)

SOV/91-59-11-24/27

AUTHOR: Kotlyar, R.V.

TITLE: Using Crushed Coal as Filling Material in Cationite Filters

PERIODICAL: Energetik, 1959, Nr 11, pp 38-39 (USSR)

ABSTRACT: L.V. Mintser from Ordzhonikidze requests information concerning the use of crushed coal as filling material in cationite filters. The author of the reply states that crushed hard coal (anthracite AP or AS) may be used as filling material in cationite and mechanical filters. Using ASh coal is not recommended. The coal must have a low ash content. It must be carefully washed before using. The author recommends avoiding the use of filling materials. Drains should be used instead, for example those consisting of slotted bowls. Plastic VTI-K bowls are manufactured at the "Komsomol'skaya pravda" plant in Leningrad and may be used for cationite filters working at temperatures of up to 40°C. Porcelain filter bowls VTI-5 are re-

Card 1/2

SOV/91-59-11-24/27

Using Crushed Coal as Filling Material in Cationite Filters

commended for mechanical filters and for cationite filters working at temperatures higher than 40-45°C. They are manufactured at the Slavyanskiy izolyatornyy zavod (Slavyansk Insulator Plant) in the Donbass area and at the Tokarovskiy farforovoy zavod (Tokarovka Porcelain Plant) in the Zhitomirskaya oblast' of the UkrSSR.

Card 2/2

KOTLYAR, R. V.

Using activated carbon in mechanical filters. Energetik 8 no.5:37  
My '60. (MIRA 13:8)  
(Feed-water purification) (Filters and filtration)  
(Carbon, Activated)

KOTLYAR, R.V.

Alkalinity of boiler water. Energetik 8 no.8:36-37 Ag '60.  
(MIRA 13:10)  
(Feed water)

KOTLYAR, R.V.

Concerning the use of washing waters after the regeneration of  
cationite filters. Energetik 9 no.12:31 D '61. (MIRA 15:1)  
(Feed-water purification)

KOTLYAR, R.V.

Concerning the checking of water hardness in a small boiler  
system. Energetik 10 no.6:35-36 Je '62. (MIRA 16:3)  
(Feed water)

KOTLYAR, R.V.

Neutralization of the alkalinity of boiler water. Energetik 11  
no. 8:44 Ag '63. (MIRA 16:10)

KOTLYAR, R.V.

Conducting of chemical analysis using sulfonated coal. Energetik  
12 no.3:25-26 Ag '64. (MIRA 17:9)

Methods for determining the hardness of feedwater. Ibid.,26.

KOTLYAR4S8G8

600

1. DUBROVIN, I. M., KOTLYAR, S. G.
2. USSR (600)

"Smelting of Sorted Furnace Charges in a waterjacket Furnace in the Plant imeni Molotov" Tsvet. Met. 14, No. 4-5, 1939.

9. [REDACTED] Report U-1506, 4 Oct 1951

KOTLYAR, S. G., CAND GEOL-MIN SCI, "RELATION OF CERTAIN  
PETROLOGICAL INTRUSION CHARACTERISTICS OF "KOLYM'" GRANITES  
TO THEIR STRUCTURAL POSITION (BASIN OF THE MIDDLE COURSE OF INDIGIRKA RIVER)." LENINGRAD, 1961. (LENINGRAD ORDER OF LENIN  
STATE UNIV IM A. A. ZHDANOV). (KL, 3-61, 207).

KOTLYAR, S.G.

Three types of granitoid intrusions in the basin of the middle  
Indigirka River. Sov.geol. 4 no.9:115-126 S '61. (MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.  
(Indigirka Valley--Granite)

39542  
S/170/62/005/008/007/009  
B104/B102

*26.5100*

AUTHOR: Kotlyar, S. M.

TITLE: Heat conduction of a plane-parallel layer

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 8, 1962, 97-100

TEXT: The stationary temperature field of an unbounded plate is studied under the boundary conditions

$$T = f(r) \quad r < a, z = 0; \quad (1)$$

$$-\frac{\partial T}{\partial z} + hT = 0 \quad r > a, z = 0; \quad (2).$$

The solution

$$T(r, z, \tau) = A J_0(\tau, r) \left[ \frac{\exp[\tau(b-z)] (\lambda\tau + \alpha) + \exp[\tau(z-b)] (\lambda\tau - \alpha)}{e^{\alpha b} (\lambda\tau + \alpha)} \right]. \quad (7)$$

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S/170/62/005/008/007/009  
B104/B102

Heat conduction of a plane-parallel ...

satisfies the Laplace equation in cylindrical coordinates.

$$B = \frac{A \exp(-\tau b) \cdot (\lambda \tau - a)}{\exp(\tau b) \cdot (\lambda \tau + a)}$$

is obtained from condition (3).  $A(\tau)$  is obtained with the aid of an auxiliary function  $\psi(t)$  which satisfies a Fredholm integral equation of the second kind.  $\checkmark$

$$T(r, z) = \int_0^\infty C(\tau) \frac{(\lambda \tau + a) \exp[\tau(b-z)] + (\lambda \tau - a) \exp[\tau(z-b)]}{e^{\tau b} (\lambda \tau + a) + e^{-\tau b} (\lambda \tau - a)} J_0(\tau, r) d\tau, \quad (23)$$

is obtained where  $C(\tau) = [1 - q(\tau)] \int_0^a \psi(t) \cos t dt$ . If  $\lambda = 0$ ,  $a \neq 0$  the

solution corresponds to the temperature field of a plane-parallel layer wherein the surface  $z = b$  is kept at zero temperature; if  $\lambda \neq 0$ ,  $a = 0$ , it corresponds to the temperature field of the same layer if the surface  $z = b$  is insulated.  $a/\lambda = h$  corresponds to the temperature field of a

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Heat conduction of a plane-parallel ...

S/170/62/005/008/007/009  
B104/B102

plane-parallel plate the surface  $z = b$  of which emits heat into the surrounding medium according to Newton's law.

SUBMITTED: December 6, 1961

Card 3/3

KOTIYAR, S.M. (Khar'kov)

Thermoelasticity of a plane-parallel layer. Inzh. zhur. 4 no.2;  
297-301 '64 (MIRA 17:8)

ACCESSION NR: AP4033048

S/0147/84/000/001/0122/0126

AUTHOR: Kotlyar, S. M.

TITLE: The non-stationary problem of the theory of thermal conductivity for a hollow cylinder

SOURCE: IVUZ. Aviatsionnaya tekhnika, no. 1, 1964, 122-126

TOPIC TAGS: thermal conductivity, temperature, temperature field, heat transfer, heat exchange, temperature distribution

ABSTRACT: The article contains an analytical investigation of the axisymmetrical temperature field of a hollow, circular cylinder of finite length with the condition that between the lateral surface of the cylinder and the surrounding medium, heat transfer occurs according to Newton's law, while at the ends and on the internal lateral surface of the cylinder heat transfer is absent. The author determined the temperature distribution function in a cylinder  $U(r, z, t)$  which satisfies the thermoconductance equation

$$\frac{\partial U}{\partial t} = \alpha \left[ \frac{\partial^2 U}{\partial r^2} + \frac{1}{r} \frac{\partial U}{\partial r} + \frac{\partial^2 U}{\partial z^2} \right]. \quad (1)$$

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ACCESSION NR: AP4033048

and the boundary conditions and initial condition

$$\frac{\partial U(r, z, t)}{\partial z} = 0, \quad z = 0, z = l, \quad (2)$$

$$\frac{\partial U(r, z, t)}{\partial r} = 0, \quad r = r_1, \quad 0 < z < l, \quad (3)$$

$$\frac{\partial U(r, z, t)}{\partial r} + k [U(r, z, t) - \varphi(z)] = 0, \quad r = r_2, \quad 0 < z < l, \quad (4)$$

$$U(r, z, t) = f(r, z), \quad t = 0. \quad (5)$$

where  $u(r, z, t)$  is the temperature of the body at a point having coordinates at a moment of time  $t$ ;  $r_1$  and  $r_2$  are, respectively, the inner and outer radii, while the function  $\varphi(z)$  may be piecewise continuous with discontinuity points of the first order. The final solution is presented in the following form:

$$u(r, z, t) = \sum_{m=1}^{\infty} \sum_{n=1}^{\infty} A_{mn} \frac{J_0(rn_m) Y_1(sr_m) - J_1(sr_m) Y_0(sr_m)}{r_1(sr_m)} \cos rn_m \exp X \quad (6)$$

$$\times \left\{ -\alpha \left[ \frac{1}{m^2} r_2^{-2} + (\pi n t^{-1})^2 \right] / (1) + \sum_{n=1}^{\infty} P_n \frac{J_0(\pi n r_1) K_1(\pi n q_1) + J_1(\pi n q_1) K_0(\pi n r_1)}{K_1(\pi n q_1)} \cos rn_m \right\}$$

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ACCESSION NR: AP4033048

A calculation was made of the mean temperature of the rotor of a turbine BT-25 - 4:  $\bar{u} = 364C$ , as well as a shaft extension  $4\lambda = 0.8$  cm. In addition, the shaft temperature was calculated at six points with the condition that  $r = \text{constant} = 10$  cm, while time  $t$  varied, beginning at 90 to 280 every 10 minutes as shown in Table 1 of the Enclosure. In conclusion, the author expresses sincere thanks to G. I. Pavlovskiy for the attention he has given this work. Orig. art. has 28 formulas and 1 table.

ASSOCIATION: None

SUBMITTED: 14Sep63

DATE ACQ: 11May64

ENCL: 01

SUB CODE: AS,GP

NO REF Sov: 000

OTHER: 000

Card

3/4

ACCESSION NR: AP4033048

TABLE 1 -

Table of  
Temperatures

Time min.	ENCLOSURE: 01					
	s = 20 cm	s = 30 cm	s = 50 cm	s = 80 cm	s = 100 cm	s = 120
1	2	3	4	5	6	7
90	54	150	200	240	200	157
100	57	170	250	280	250	170
110	60	190	275	320	300	183
120	63	210	280	360	350	195
130	67	230	285	400	400	208
140	72	250	290	410	410	220
150	74	260	295	420	420	233
160	76	270	300	430	430	245
170	78	271	305	440	440	258
180	80	272	310	450	450	270
190	82	273	315	460	460	283
200	84	274	320	470	470	295
210	86	275	325	480	480	307
220	88	276	330	490	490	320
230	90	277	335	500	500	335
240	92	278	340	500	500	348
250	94	279	350	500	500	360
260	96	280	378	500	500	378
270	98	280	382	500	500	385
280	100	280	400	500	500	400

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L 13339-63      EPR/EWP(r)/EWP(j)/EPP(c)/EWT(1)/EFF(n)-2/EWT(m)/BDS/ES(v)/  
ES(w)-2      AFFTC/ASD/SSD      Pa-4/Pc-4/Pz-4/Pu-4/Pe-4/Pab-4      RM/NW  
ACCESSION NR: AP3004737      S/0170/63/006/008/0037/0040

AUTHOR: Kotlyar, S. M.

88

TITLE: Heat conduction in a two-layer system

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 6, no. 8, 1963, 37-40

TOPIC TAGS: heat conduction, two-layer system, steady temperature field, temperature distribution

ABSTRACT: The steady temperature field of a system consisting of two parallel plane layers with mixed boundary conditions is studied analytically. The solution of the problem is reduced to the determination of two functions of temperature distribution, which satisfy the Laplace equation in cylindrical coordinates. The distribution of temperatures in both layers is given by two integral equations in terms of layer thickness, thermal conductivity, temperature-field parameters, and an unknown function. Three different cases are discussed: 1) the temperature field of a two-layer system in which the surface of the outer layer is covered with a heat insulator; 2) the temperature field of the same system, in which the surface of the outer layer is maintained at zero temperature;

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L 13339-63

ACCESSION NR: AP5004737

and 3) the temperature field of the same system in which the outer surface radiates heat into surrounding space according to Newton's law. Orig. art. has: 29 formulas.

ASSOCIATION: none

SUBMITTED: 08Sep62

DATE ACQ: 27Aug63

ENCL: 00

SUB CODE: AI

NO REF Sov: 003

OTHER: 000

Cará 2/2

KOTLYAR, S.M.

Heat conductivity of a two-layer system. Inzh.-fiz. zhur. 6  
no.8:37-40 Ag '63. (MIRA 16:10)

KOTLYAR, S.M.

Heat conductivity of a plane-parallel layer. Inzh.-fiz. zhur.  
5 no.8:97-100 Ag '62. (MIRA 15:11)  
(Heat--Conduction)

KOTLYAR, S.M. (Khar'kov)

Stressed state of an infinite strip. Izv.vys.ucheb. zav.; mat  
no. 1:69-72 '64. (MIRA 17:5)

KOTLYAR, S.M., inzh.

A nonsteady-state problem in the theory of thermal conductivity  
for a solid cylinder. Izv. vys. ucheb.zav.; energ. 7 no. 4:  
72-74 Ap '64. (MIRA 17:5)

KOTLYAR, S.M.

Nonsteady-state heat conduction problem for a rectangle under  
boundary conditions of the third kind. Inzh.-fiz. zhur. 7  
no.4:131-133 Ap '64. (MIRA 17:4)

ACCESSION NR: AP4037103

S/0258/64/004/002/0297/0301

AUTHOR: Kotlyar, S. M. (Khar'kov)

TITLE: Thermoelasticity of a plane parallel layer

SOURCE: Inzhenernyy zhurnal, v. 4, no. 2, 1964, 297-301

TOPIC TAGS: thermoelasticity, plane parallel layer, temperature field, mixed boundary conditions, thermoelastic potential

ABSTRACT: Let  $b$  be the thickness of the layer and  $T_0$  - constant temperature on the plane  $z = b$ . The temperature on the plane  $z = 0$  is also constant and equal to  $0$ , and  $w$  is displacement along the  $z$  axis under the influence of a circular stamp of radius  $r = a$ . The author studies the stressed state of a plane parallel layer whose temperature field is given by

$$T = \frac{z}{b} T_0 \quad (1)$$

with mixed boundary conditions

$$\begin{aligned} \tau_{rz} &= 0 & z = b, 0 < r < \infty & \tau_{rz} = 0 & z = 0, 0 < r < \infty \\ w &= 0 & z = b, 0 < r < \infty & & \\ w &= f(r) & z = 0, r < a & \sigma_z = 0 & z = 0, r > a, \end{aligned} \quad (2)$$

Card 1/2

KOTLYAR, S.M. (Khar'kov)

Heat conductivity of a solid cylinder. Prjkl. tekhn. 10  
no.5:489-492 '64. (MIRA 17:10)

1. Khar'kovskoye vyssheye voyennoye aviationsionnoye uchilishche  
letchikov.

TSVETKOV, V.N.; KOTLYAR, S.Ya.

Investigation of polyvinyl acetate solutions by the light scattering method [with English summary in insert]. Zhur.fiz.khim.30 no.5:1100-1103 My '56.  
(MIRA 9:9)

1.Akademija nauk SSSR, Institut vysokomolekuljarnykh soyedinenij,  
Leningrad.  
(Light--Scattering) (Acetic acid)

AUTHORS: Tsvetkov, V. N., Frisman, E. V., Ptitsyn, O. B.,  
Kotlyar, S. Ya. 50V/ 57-207-11/35

TITLE: The Shape Effect in the Dynamic Double Refraction of Polymer  
Solutions (Effekt formy v dinamicheskem dvoynom lucheprelom-  
lenii rastvorov polimerov)

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1958, Vol. 28, Nr 7, pp. 1426-1436  
(USSR)

ABSTRACT: The authors suggest a theory of the shape effect in the dynamic  
double refraction of polymer solutions. The taking into ac-  
count of the shape effect in the theory of dynamic double re-  
fraction is suggested on the basis of the model by Tsvetkov  
and Frisman (Ref 9). According to this model the macromole-  
cule in a solution is regarded as an ellipsoidal macroscopic  
particle saturated with the solvent. The refraction index  
of such a particle is different from the refraction index  
of the solvent. Thus the particle does not only have an in-  
trinsic anisotropy but also an anisotropy of shape. The lat-  
ter can be calculated according to the known formula by  
Maxwell (Refs 10 and 11) concerning the anisotropy of the

Card 1/3

The Shape Effect in the Dynamic Double Refraction of Polymer Solutions <sup>SOV/57-28-7-11/35</sup>

shape of macroscopic particles. It is shown that in the case of small velocity gradients the shape effect increases proportionally to the gradient, while in the case of great gradients it tends toward a constant value. The theory given expresses well the experimental data and in particular case; also the earlier-found dependence of the sign of the double refraction of a solution of polystyrene in dioxane on the velocity gradient. Finally the authors refer to the works by M. Čopić (Refs. 7 and 18) and they show that in spite of the great difference in the models used and in spite of a number of assumptions in either theory they coincide well (viz. this theory and that by Čopić). There are 2 figures, 2 tables, and 18 references, 8 of which are Soviet.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy AN SSSR (Institute of High Molecular Compounds, AS USSR)  
Leningradskiy gosudarstvennyy universitet im. A. A. Zhdanova  
(Leningrad State University imeni A. A. Zhdanov)

SUBMITTED: May 11, 1957  
Card 2/3

The Shape Effect in the Dynamic Double  
Refraction of Polymer Solutions

30V/57-23-7-11/35

1. Polymer solutions--Refraction

Card 5/3

KOTLYAR, V.A.

Results of using controlled mercury-arc rectifiers for  
dynamic braking of a mine hoisting machine. Nauch. trudy  
KNIUI no. 11:205-207 '62.  
(MIRA 17:7)

KOTLYAR, V.I., Cand Biol Sci -- (diss) "Study of cerebral localization  
of certain motor manifestations <sup>of</sup> ~~in~~ <sup>spasmodic fits</sup> experimental <sup>frus.</sup> ~~induced convulsions.~~"

Mos, 1959, 15 pp (Mos State Univ im M.V. Lomon. sov. Biol Soil Faculty)

150 copies (KL, 36-59, 114)

KOTLYAR, V.K.

Effect of pilocarpine on secretion of the intestinal glands. Tr.  
Vsesoju. obsh. fiziol. no. 1:48-51 1952. (CLML 24:1)

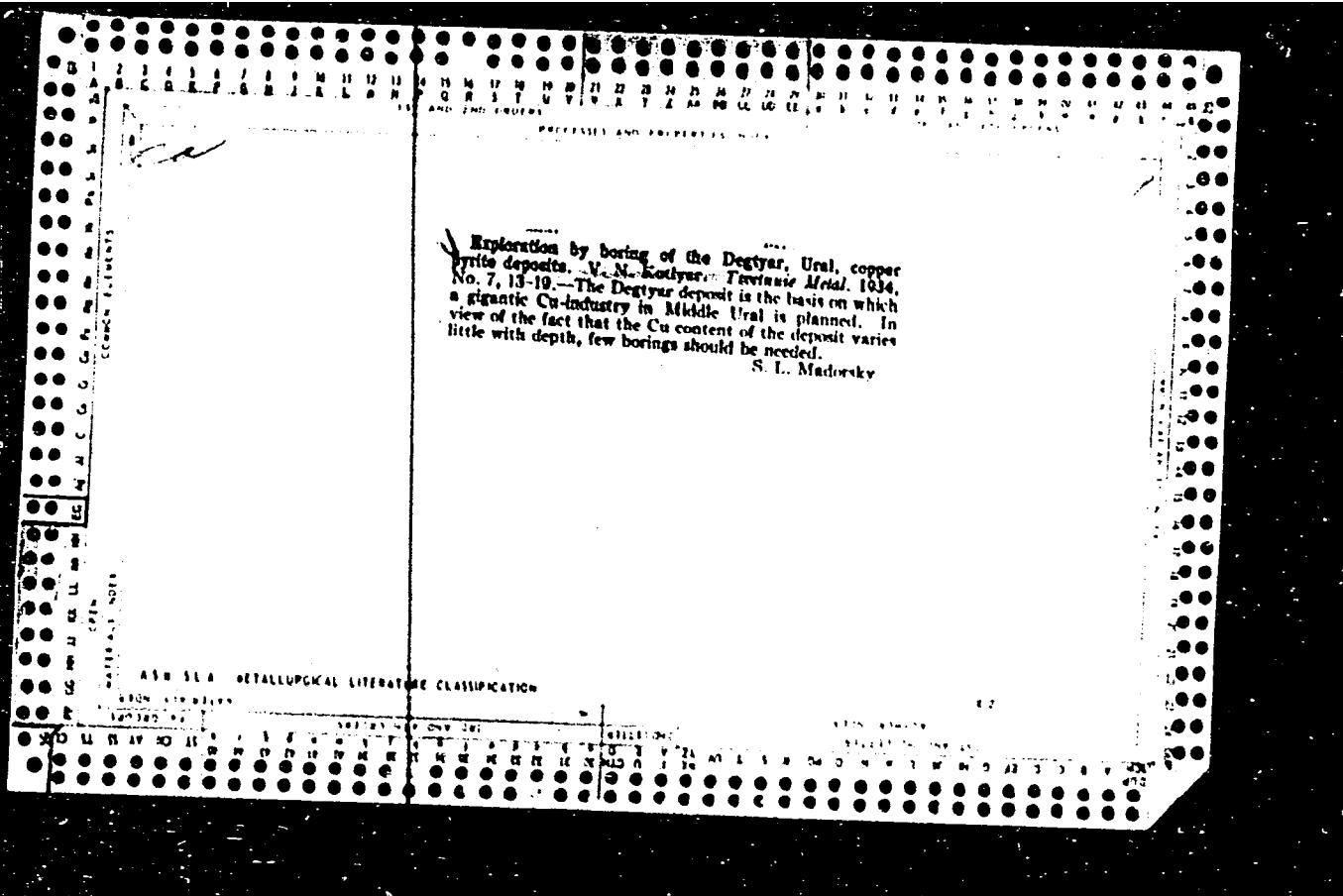
1. Delivered 1 December 1949, Irkutsk.

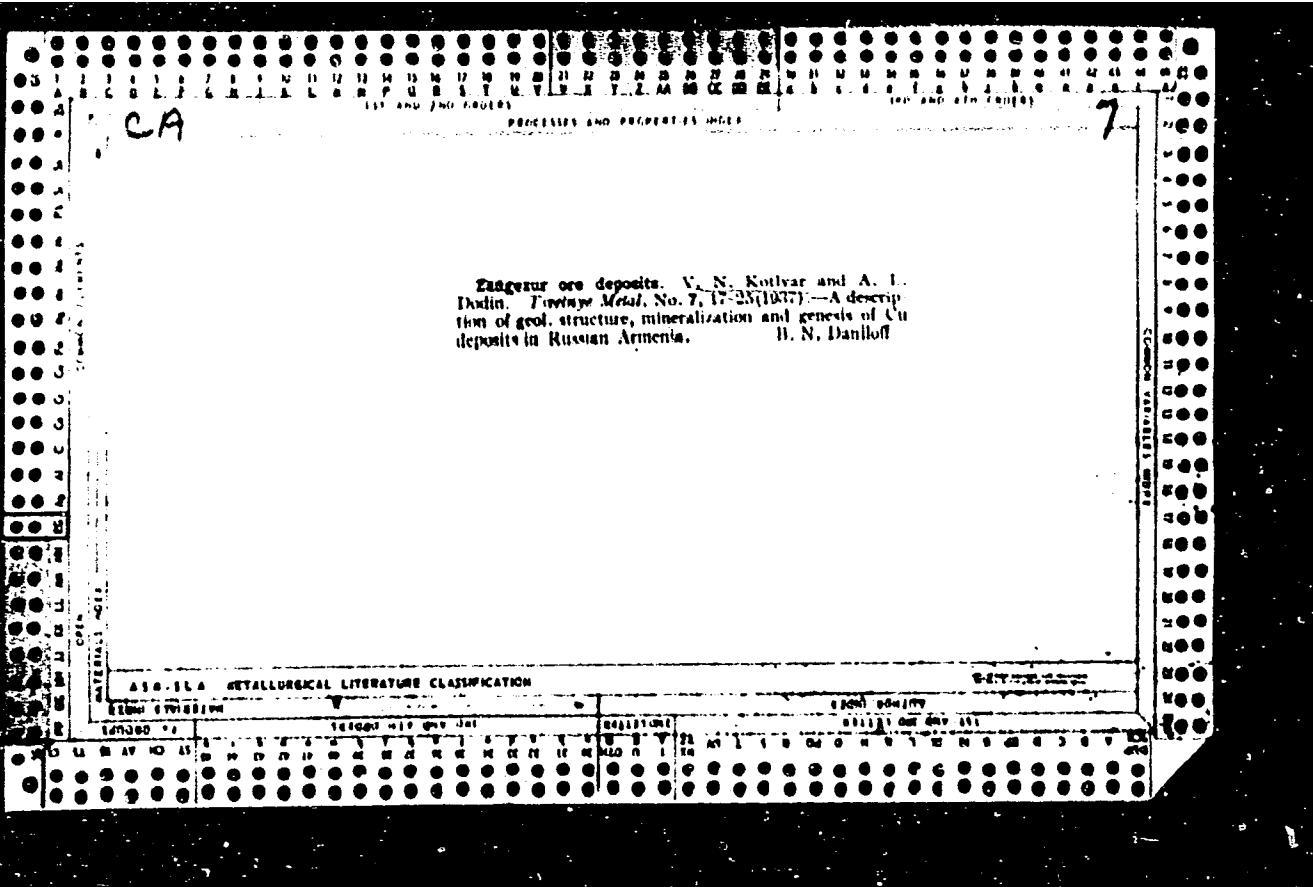
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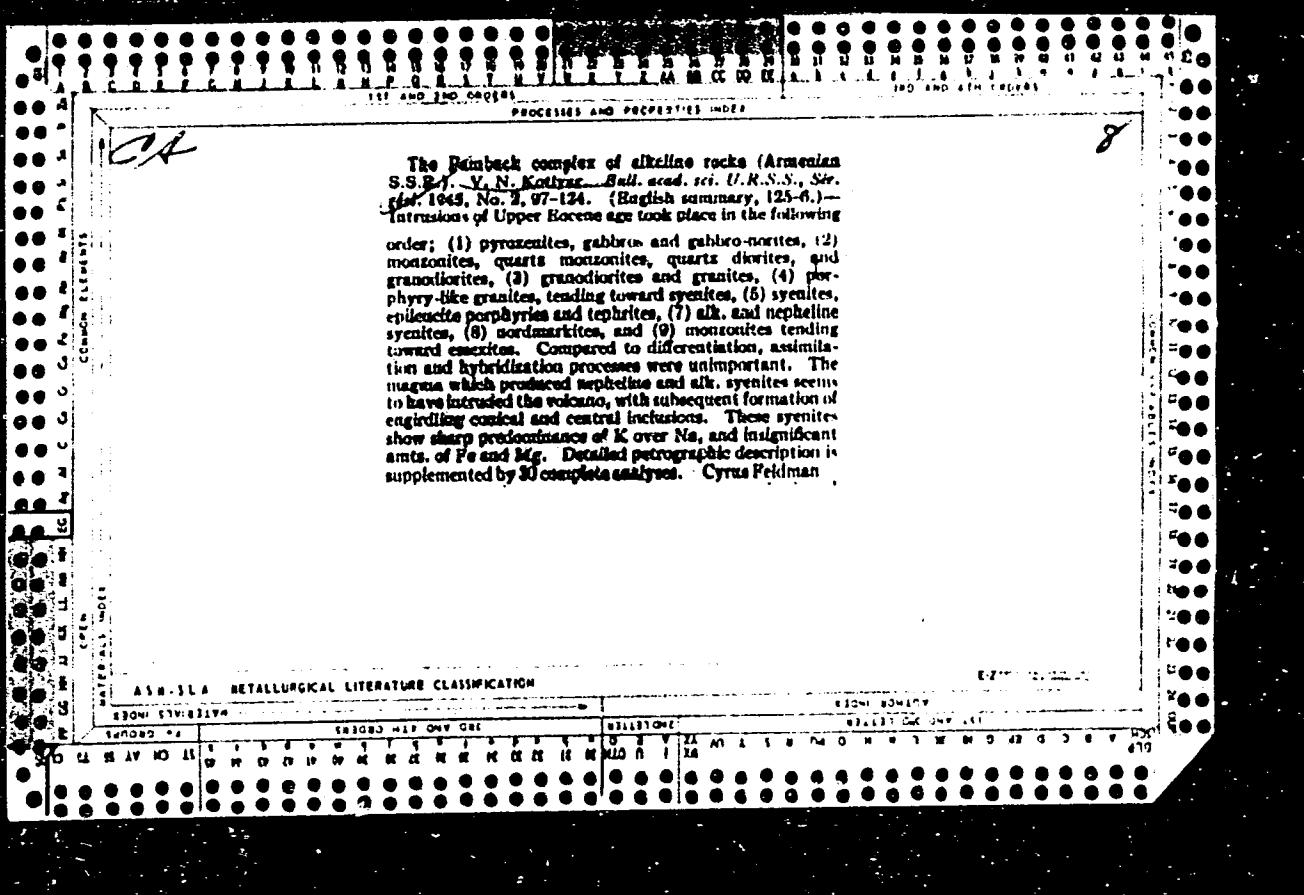
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1. Moskovskiy institut stali i splavov.







KOTLIAR, V. N.

PA 4T123

USSR/Ceology  
Petrography

1945

"Orbicular Gabbros Met Near the Voskresenka Village,  
Armenian SSR," V. N. Kotliar, 2 pp

"CR Acad Sci" Vol XLIX, No 9

Rare intrusive rocks found in Armenia near the village  
of Voskresenka, 13 km east of the town of Kirovakan

4T123

KOTLYAR, V.N.

Magnetism and metallogenetic era of the Lesser Caucasus. Izv.<sup>AN</sup>  
Arm.SSR. Nauki no.8:19-22 '47. (MLRA 9:8)  
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Krivoy Rog. - Petrology

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TATARINOV, P.M.; KOTLYAR, V.N., redaktor; BABINTSEV, N.I., redaktor;  
POPOV, N.D., tekhnicheskiy redaktor.

[Conditions for formation of ore and other mineral deposits] Usloviia  
obrazovaniia nestorozshdenii rudnykh i nerudnykh poleznykh iskopаемых.  
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nadr.  
1955. 279 p. [Microfilm]  
(Geology) (MIRA 8:5)

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Magmatic complexes and mineralization. Sov. geol. no.43:61-70 '55.  
(Magma) (Mineralogy) (MIRA 8:9)

KOTLYAR, V.N.

KOTLYAR, V.N., prof.; KABANOVA, Ye.S.; KRISTAL'NYY, B.V.

[The condition of uranium sources in capitalist countries and methods employed in prospecting for uranium] O sostoianii syr'evoi bazy urana v kapitalisticheskikh stranakh i metodike poiskovykh rabot na uran. Pod red. V.N.Kotliara. Moskva, Izd-vo Akad.nauk SSSR, 1956. 57 p. (MIRA 11:1)

(Uranium)

KOTLYAR, V.N.

ORLOVA, Yelena Vladimirovna; MARKOVA, Yekaterina Ivanovna; KOTLYAR.V.N.,  
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[Copper, lead and zinc resources of capitalist countries] Resursy  
medi, svintsa i tsinka v kapitalisticheskikh stranakh. Moskva, Gos.  
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(MLRA 10:6)

(Copper) (Lead) (Zinc)

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Industrial-type titanium deposits in capitalist countries. Gor.  
zhur. no.4:69-73 Ap '57. (MIRA 10:5)  
(Titanium ores)

KOTLYAR, V.H.; MALKHASYAN, E.G.

Anorthosites, granophyres, and essexite rocks of the Gyumushkhan intrusive complex. Dokl. AN Arm. SSR 24 no.1:43-47 '57. (MIRA 10:4)

1. Institut geologicheskikh nauk Akademii nauk Armyanskoy SSR.  
Predstavлено I.O. Nagak'yanom.  
(Armenia--Rocks, Igneous)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000825410002-9

KOTLYAR, V.N.

Leucite in the Pambak, Zap., Vses. min. ob-va 86 no. 6:682-690 '57.  
(Pambak--Leucite) (MIRA 11:3)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000825410002-9"

KOTLYAR, Vasiliy Nikitich; MALKHASYAN, E.G., otv.red.; AZIZBEKYAH,  
L.A., tekhn.red.

[Pambak; geology, intrusions, and metallogeny of the Pambak  
range and adjacent districts of Armenia] Pambak; geologiya.  
intrusiv i metallogenija Pambakskogo khrepta i sverzhnykh  
raionov Armenii. Erevan, Izd-vo Armianskoi SSR, 1958. 227 p.  
(Armenia--Geology) (MIRA 12:7)

KUTLYAK, V.N.

3(5)

PHASE I BOOK EXPLOITATION 207/1923

Akademija nauk SSSR. Otdeleniye geologo-geograficheskikh nauk.  
Komisiya po problemam "Zakonomernosti rassreshcheniya polerynykh iskopayemykh."

Zakonomernosti rassreshcheniya polerynykh iskopayemykh (Regularities in the Distribution of Mineral Deposits) Vol. 1. Moscow, Izd-vo AN SSSR, 1958. 532 p. Errata slip inserted. 2,500 copies printed.

Resp. Ed.: N.S. Shatskiy, Academician; Editorial Board: N.S. Shatskiy, Academician, D.I. Shcherbakov, Academician, N.A. Belyayevskiy, N.N. Dolgopolov, O.D. Levitskiy, Yu.M. Pushcharovskiy, G.A. Zekolev; Ed. of Publishing House: G.I. Moscow; Tech. Ed.: I.M. Guseva

**PURPOSE:** This book is intended for geologists and petrographers, particularly those interested in the worldwide distribution of minerals and the reasons underlying their occurrence.

**COVERAGE:** On the basis of particular regional studies this book attempts to establish the rules governing the distribution of metallic and non-metallic ore deposits. The work includes articles on the metallogeny of individual minerals, on broad methodological problems, and on the possibility of predicting the occurrence of a mineral in the USSR on the basis of its occurrence throughout the world. Six maps depicting the distribution of a particular mineral throughout the world are included with the work. References accompany each article.

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KOTLYAR, V.N.

Metallogeny of the Eocene epoch in the Lesser Caucasus. Zakenem.  
razm. polezn. iskop. 1:416-425 '58. (MIRA 12:3)

I.Institut tsvetnykh metallov i zolota im. Kalinina.  
(Caucasus--Ore deposits)

KOTLYAR, V.N.

Dikes and associated ores. Nauch.dokl.vys.shkoly:geol.-nauki no.4:  
159-161 '58. (MIRA 12:6)

1. Moskovskiy institut tsvetnykh metallov i zolota im. M.I.Kalinina,  
kafedra poleznykh iskopayemykh.  
(Rocks, Igneous) (Ore deposits)

KOTLYAR, V.N.; TITOVA, N.A.; KRISTAL'NYY, B.V.; SHEVCHENKO, G.A.,  
tekhn.red.

[Geology, and uranium and thorium resources in capitalist  
countries; collected studies] Voprosy geologii i syr'evoi  
bazy urana i toria kapitalisticheskikh stran; sbornik statei.  
Moskva, Vses.in-t nauchn.i tekhn.informatsii, 1959. 143 p.  
(MIRA 13:2)

(Uranium)

(Thorium)

VOL'FSON, F.I.; LUKIN, L.I.; DYUKOV, A.I.; KUSHNAREV, I.P.; PEK, A.V.;  
RYBALOV, B.L.; SONYUSHKIN, Ye.P.; KHOROSHILOV, L.V.; CHERNYSHEV,  
V.F.; BIRYUKOV, V.I.; GARMASH, A.A.; DRUZHININ, A.V.; KARANYAN,  
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SIMORENKO, A.V. [deceased]; SOPKO, P.F.; CHEGLOKOV, S.V.; YUDIN,  
B.A.; KREITER, V.M., doktor geologo-mineral.nauk; retsenzent; ..  
KOTLIAR, V.N., doktor geologo-mineral.nauk, retsenzent; GRUSHEVOY,  
V.G., doktor geologo-mineral.nauk, retsenzent; NAKOVNIK, N.I., doktor  
geologo-mineral.nauk, retsenzent; KUNEK, H.N., doktor geologo-mineral.  
nauk, retsenzent; LIOPEN'KII, S.N., retsenzent; SHATALOV, Ye.T., doktor  
geologo-mineral.nauk, red.; KRISTAL'NYY, B.V., red.; SERGEYEVA, N.A..  
red.izd-va; GUROVA, O.A., tekhn.red.

[Basic problems and methods of studying structures of ore provinces  
(Continued on next card)]

VOL'FSON, F.I.---(continued) Card 2.

and deposits] Osnovnye voprosy i metody izuchenija struktur  
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lit-ry po geol. i okhrane nedor, 1960. 623 p.

(MIRA 13:11)

1. Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdeniy,  
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elementov AN SSSR (for Garmash). 4. Akademiya nauk Semyanskoy SSR  
(for Karamyan). 5. Baleyzoloto (for Sidorenko). 6. Institut geolo-  
gii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii  
AN SSSR (for Malinovskiy, Nevskiy, Pavlov, Chernyshev). 7. Moskovskiy  
geologorazvedochnyy institut im. S.Ordzhonikidze (for Ronenson).  
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(for Samonov). 9. Voronezhskiy universitet (for Sopko). 10. Kol'skiy  
filial AN SSSR (for Yudin).

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KOTLYAR, V.N.

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N '60. (MIRA 13:12)

1. Krasnoyarskiy institut tsvetnykh metallov imeni M.I. Malinina.  
(Conglomerate)

KOTLYAR, Vasiliy Nikitich; BETERKHTIN, A.G., retsenzent; TATARINOV, P.M.  
retsenzent; YAKZHIN, A.A., retsenzent; KRASNIKOV, V.I., retsen-  
zent; GOTMAN, Ya.D., retsenzent; ARAPOV, Yu.A., retsenzent; LU-  
GOV, S.F., red.; OVCHINNIKOVA, S.V., red. izd-va; BYKOVA, V.V.,  
tekhn. red.

[Geology and genetic types of industrial uranium deposits] Geolo-  
giia i geneticheskie tipy promyshlennyykh mestorozhdenii Urala. Mo-  
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(Uranium)

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1. ITsMIZ.  
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Characteristics of the formation of some near-surface  
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1. Moskovskiy institut tsvetnykh metallov i zolota imeni M.I.  
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ucheb. zav.; geol. i razv. 4 no.5:105-106 My '61.  
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1. Moskovskiv institut stali.  
(Pegmatites) (Granite)

KOTLYAR, V. N.

Ore-bearing volcanic vents and their spatial distribution. Zap.  
Vsos. min. ob-va 91 no.4:413-420 '62. (MIRA 15:10)

(Volcanoes) (Ore deposits)

ABDULLAYEV, Kh.M.; ALYAVDIN, V.F.; AMIRASLANOV, A.A.; ANIKEYEV, N.P.;  
ARAPOV, Yu.A.; BARSANOV, G.P.; BELYAYEVSKIY, N.A.; BOKIY, G.P.;  
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SHAKHOV, F.N.; SHILO, N.A.; YARMOLYUK, V.A.; DRABKIN, I.Ye.;  
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KOSOV, B.M.; KOTLYAR, V.N.; KREYTER, V.M.; KUZNETSOV, V.A.; LUGOV,  
S.F.; MAGAK'YAN, I.G.; MATERIKOV, M.P.; ODNITSOV, M.M.; PAVLOV, Ye.S.;  
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N.M.; TATARINOV, I.M.; KHRUSHCHOV, N.A.; TSAREGRADSKIY, V.A.;  
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In memory of Oleg Dmitrievich Levitskii; obituary. Sov.geol. 4  
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(Levitskii, Oleg Dmitrievich, 1909-1961)

KOTLYAR, V.N.

"Ore deposits; industrial types of metal ore deposits" by  
I.G. Magak'ian. Reviewed by V.N. Kotliar. Sov.geol. 5  
no.11;138-139 N '62. (MIRA 15:12)  
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BEZGUBOV, A.I.; BYVSHIKH, Yu.I.; DEMENT'YEV, P.K.; KISLAKOV, Ya.M.; KOVALEV, L.V.[deceased]; KOTLYAR, V.N., prof.; KRUGLOVA, V.G.; RUDNITSKAYA, L.S.; TSYRUL'NIKOV, V.M.; VARZANOVA, A.N., red.; VLASOVA, N.A., tekhn. red.

[Uranium in ancient conglomerates] Uran v drevnikh konglomeratakh. Moskva, Gosatomizdat, 1963. 187 p. (MIRA 16:4)  
(Uranium) (Conglomerate)

KOTLYAR, V.N.

"Geology of the Nakhichevan A.S.S.R." by Sh.A. Azizbekov.  
Reviewed by V.N. Kotliar. Izv. AN Azerb. SSR Ser. geol.-geog.  
nauk i nefti no.1:103-104 '63. (MIRA 16:6)

(Nakhichevan—Geology)  
(Asisbekov, Sh.A.)

KOTLYAR, V.N.

~~SECRET~~, ~~X~~

(21)

S/011/63/000/001/002/002  
A006/A101

AUTHOR: Azizbekov, Sh. A.

TITLE: The Third All-Union Conference on regularities in the formation  
and distribution of endogenous mineral resource deposits

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, no. 1, 1963,  
126 - 128

TEXT: The Conference was held in Baku from September 18 to 23, 1962; it  
was attended by 455 representatives from scientific and industrial geological  
organizations including 24 Academicians and Corresponding Members of AS USSR and  
AS of various republics, 49 Doctors-Professors and 164 Candidates of Geological  
and Mineralogical Sciences. The Conference was opened by Academician D. I.  
Shcherbakov, secretary of OGON, AS USSR. The program of the Conference was di-  
vided into three main groups: a) regularities in the formation and distribution  
of endogenous deposits in the Caucasus; b) regularities in the formation and  
distribution of endogenous deposits of other folding regions of the Alpine cy-  
cle; c) general problems of metallogeny. In group a) reports on basic features

Card 1/2

The Third All-Union Conference on...

S/011/63/000/001/002/002  
A006/A101

of metallogeny and models of detailed metallogenic charts of the Caucasus were delivered by Sh. A. Azizbekov and R. N. Abdullayev (in Azerbaijan), S. S. Mkrtchyan (in Armenia), G. A. Tvalchrelidze and Yu. I. Nazarov (in Georgia) and V. I. Orobey (in the Northern Caucasus); V. I. Smirnov reported on peculiarities in magmatism and metallogeny of the geosyncline and plateau stage in the evolution of the Western section of Northern Caucasus. Reports were delivered on magmatism and metallogeny in the Dashkesan ore region (M. A. Kashkay, M. A. Mustafabeyli) Southern Georgia (V. R. Nadiradze) the Sevan-Akera zone (S. M. Suleymanov) the Alaverdy-Bolina ore region (T. Sh. Gogishvili) and in the small Caucasian intrusives. G. S. Dzotsenidze reported on "Paleogenous volcanism in the Caucasus and metallogeny related to it"; V. N. Kotlyar on "Deposit types related to paleo-volcanism"; papers were delivered on pyrite deposits in the Somkhito-Karabakh and the Sevan-Akera zone (P. F. Sepko); Northern Caucasus (N. S. Skripchenko, V. I. Budze) the Chubukhlu-Tenzutsk ore region (S. Sh. Sarkisyan). Reports were read on polymetallic deposits in Northern Caucasus (A. M. Krasnovidova), North-West Caucasus (G. P. Kornev) and the Mekhmany ore field (N. V. Zaytseva). Other reports dealt with gold (N. Ye. Gukhman, D. G. Saliya) mercury (D. V. Abuyev) and rare metal (F. V. Mustafabeyli) mineralization. Group 2 included reports on

Card 2/4

KOTLYAR, V.N.

Concentric zonal mineralization of ore-bearing volcanic domes,  
vents, and pipes. Trudy Lab. paleovulk. Kazakh. gos. un.  
no.56:227-230 '63. (MIRA 16:6)

1. Moskovskiy institut stali i splavov.  
(Volcanoes)

KOTLYAR, V.N.; SOLOV'YEV, N.N.; TIKHONOV, N.D.

Geological characteristics of deposits associated with  
ancient volcanic structures. Geol. rud. mestorozh. 5 no.5:  
18-34 S-0 '63. (MIRA 16:11)

1. Moskovskiy institut stali.

KOTLYAR, V.N.; LUGOV, S.F.

Interdepartmental conference on "Ore potential of volcanic formations." Geol. rud. mestorozh. 5 no.5:100-102 S-0 '63.  
(MIRA 16:11)

KOTLYAR, V.N.; LUGOV, S.F.

Interdepartmental conference on "Ore potential of volcanic formations." Sov. geol. 6 no.10:139-143 O '63. (MIRA 17:1)

1. Gosudarstvennyy geologicheskiy komitet i Moskovskiy institut stali.

KOTLEAR, V.N. [Kotlyar, V.N.]

Mineralized volcanic necks and their spatial distribution. Analele  
geol geogr 17 no.4:3-10 O-D '63.

KOTLYAR, V.N.

Recent trends in the study of endogenic deposits. Razved. i okh.  
nedr .29 no.9:1-4 S '63. (MIRA 16:10)

1. Moskovskiy institut stali i splavov.

BELYAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.;  
BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.;  
BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M.,  
red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIIDZE, G.M.,  
red.; KALUGIN, A.S., red.; KOSOV, B.M., red.; KOPTEV-  
DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.;  
MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P.,  
red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV,  
K.I., red.; SEMENENKO, N.P., red.; TYZHNOV, A.V., red.;  
KHRUSHCHOV, N.A., red.; SHCHEGOLEV, D.I., red.; YARMOLYUK, V.A.,  
red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po  
regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p.  
(MIRA 17:4)

l. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskiy ko-  
mitet.

KOTLYAR, V.N.

Reviews and bibliography. Izv. vys. ucheb. zav.; geol. i razv.  
7 no.4:145-147 Ap '64. (MIRA 18;3)

1. Moskovskiy institut stali i splavov.

KOTLYAR, V.N.

New aspects, problems and trends in studying endogenetic ore  
formations. Zap. Vses. min. ob-va 93 no.5:545-555 '64.  
(MIRA 17:11)

SHATALOV, Ye.T., ovtv. red.; BOBROV, V.A., red.; KOTLYAR, V.N.,  
red.; TVALCHRELIDZE, G.A., red.; SHCHEGLOV, A.D., red.

[Problems of metallogeny] Voprosy metallogenii. Moskva,  
Nedra, 1965. 257 p. (Mezhdunarodnyi geologicheskii  
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1. Natsional'nyy komitet geologov Sovetskogo Soyuza.

KOTLYAR, V.N., doktor geol.-miner. nauk, prof., red.; APEL'TSIN,  
F.Ye., doktor geol.-miner. nauk, red.; YEROFEYEV, B.N.,  
kand. geol.-miner. nauk, red.; LUGOV, S.F., doktor geol.-  
miner. nauk, red.; FOGEL'MAN, N.A., kand. geol.-miner.  
nauk, red.; KHRUSHCHOV, N.A., doktor geol.-miner. nauk, red.

[Materials of the Interdepartmental Conference on the Problem "The Ore Potential of Volcanic Formations"] Materialy  
Mezhdromstvennogo soveshchaniia po probleme "Rudonosnost'  
vulkanogennykh formatssi." Moskva, Nedra, 1965. 324 p.  
(MIRA 18:6)

1. Mezhdromstvennoye soveshchaniye po probleme "Rudonosnost'  
vulkanogennykh formatsiy," Moskva, 1963.

KOTLYAR, V.S.

Show at the "Standardization and Metrology" section.  
Inform. biul. VDNKH no.7:9 Jl '63. (MIRA 16:8)

1. Starshiy inzhener-metodist pavil'ona "Mashinostroyeniye"  
na Vistavke dostizheniy narodnogo khozyaystva.

NATSVLISHVILI, A.A., kand.sel'skokhoz.nauk; SINYUKOV, V.P.; NASONOVA, M.V.,  
kand.sel'skokhoz.nauk; PALLY, V.F., prof.; KOTLYAR, V.V., mladshiy  
nauchnyy sotrudnik; LUPENKO, L.G.; DZIDZARIYA, O.M., nauchnyy  
sotrudnik

Brief information. Zashch. rast. ot vred. i bol. 8 no.8:55-57  
Ag '63. (MIRA 16:10)

1. Gruzinskiy institut zashchity rasteniy, Tbilisi (for Natsvlishvili).
2. Oblastnaya laboratoriya biometoda, Brailov, Vinnytskoy obl.  
(for Sinyukov).
3. Achikulakskaya lesnaya optytnaya stantsiya,  
Maykop (for Nasonova).
4. Sary-Chelekskiy zapovednik (for  
Paliy, Kotlyar).
5. Batayskiy opornyj punkt Vsesoyuznogo instituta  
zashchity rasteniy (for Lopenko).
6. Sukhumskaya optytnaya  
stantsiya efiromaslichnykh kul'tur (for Dzidzariya).

MARTYNOV, A.K.; OSTOSLAVSKIY, I.V., prof., retsenzent; BURAGO, G.P., prof.,  
retsenzent; ZAKS, N.A., dotsent, retsenzent; STRIZHEVSKIY, S.Ya.,  
dotsent, retsenzent; KOTLYAR, Ya.M., red.; ZUDAKIN, I.M., tekhn.red.

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